

Recombinant Human ADP-Ribosylhydrolase Like 2, His-tagged

Cat. No. ADPRHL2-2524H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ADPRHL2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-363aa
Description	ADPRHL2 is a member of the ADP-ribosylglycohydrolase family. Expressed ubiquitously, ADPRHL2 uses magnesium as a cofactor to catalyze the hydrolysis of poly (ADP-ribose) that is synthesized after DNA damage. Also, ADPRHL2 plays an important role in the maintenance of normal neuronal cell function.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 30% glycerol, 1mM DTT.
Molecular Mass	41.5 kDa (387aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAAAAM AAAAGGGAGA ARSLSRFRGC LAGALLGDCV GSFYEAHDTV DLTSVLRHVQ SLEPDGTPG SERTEALYYT DDTAMARALV QSLLAKEAFD EVDMAHRFAQ EYKKDPDRGY GAGVVTVFKK LLNPKCRDVF EPARAQFNGK GSYGNNGAMR VAGISLAYSS VQDVQKFARL SAQLTHASSL GYNGAILQAL AVHLALQGESS SEHFLKQLL GHMEDLEGDA QSVLDARELG MEERPYSRL KKIGELLDQA SVTREEVVSE LGNGIAAFES

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VPTAIYCFLR CMEPDPEIPS AFNSLQRTL IYSISLGGDTD TIATMAGAIA
GAYYGMDQVP ESWQQSCEGY EETDILAQSL HRVFQKS

Purity >90% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Concentration 0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [ADPRHL2 ADP-ribosylhydrolase like 2 \[Homo sapiens \]](#)

Official Symbol ADPRHL2

Synonyms ADPRHL2; ADP-ribosylhydrolase like 2; poly(ADP-ribose) glycohydrolase ARH3; ARH3; FLJ20446; ADP-ribosylhydrolase 3; protein ADP-ribosylarginine hydrolase-like protein 2; [Protein ADP-ribosylarginine] hydrolase-like protein 2;

Gene ID [54936](#)

mRNA Refseq [NM_017825](#)

Protein Refseq [NP_060295](#)

MIM [610624](#)

UniProt ID [Q9NX46](#)

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Chromosome Location	1p34.3
Function	hydrolase activity; metal ion binding; poly(ADP-ribose) glycohydrolase activity;

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